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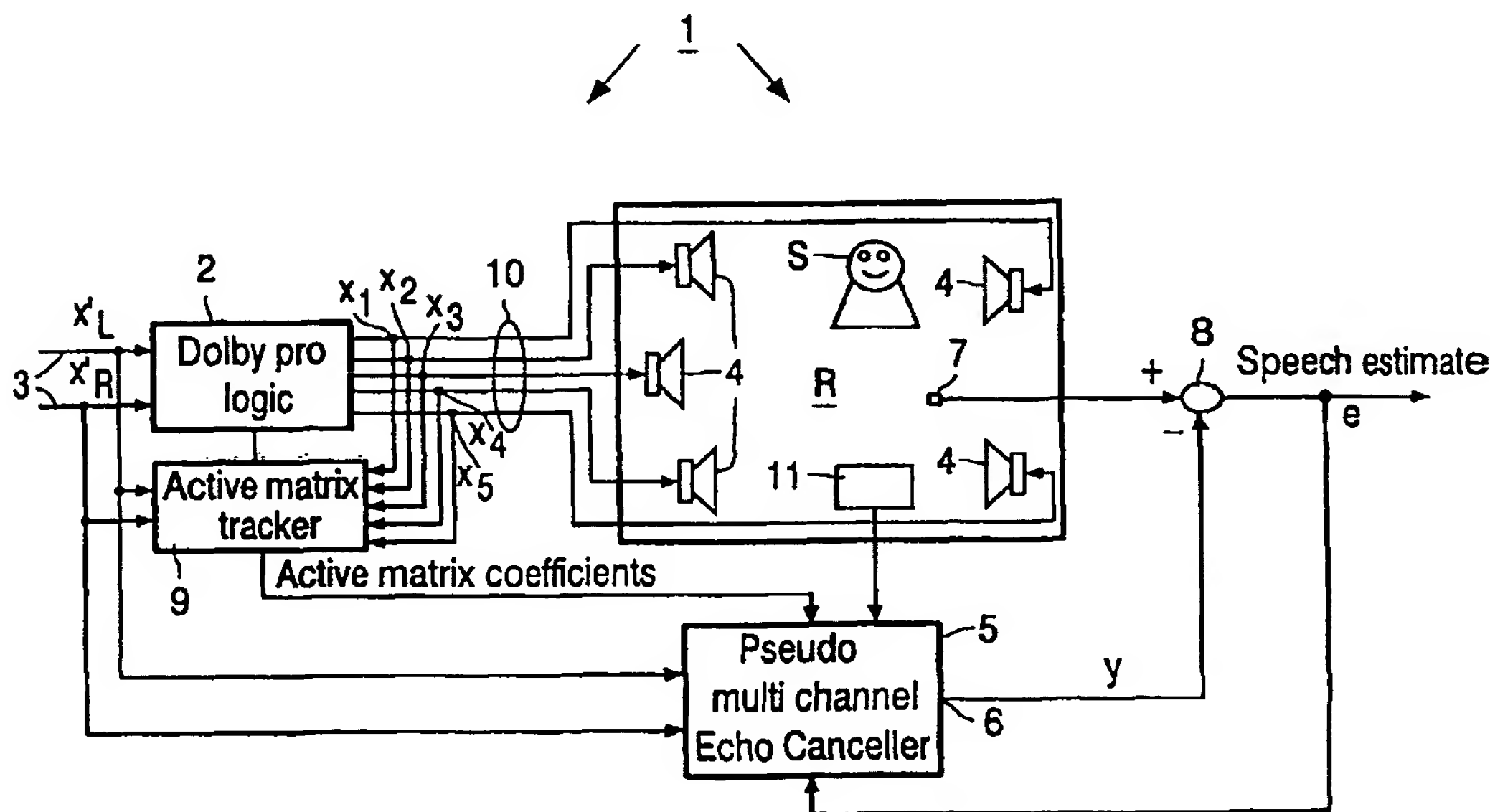
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(54) Title: MULTICHANNEL ECHO CANCELLER SYSTEM USING ACTIVE AUDIO MATRIX COEFFICIENTS



(57) Abstract: An echo canceller system is described, which comprises an audio matrix decoder coupled to audio inputs for providing multiple audio output signals, and a multi-channel echo canceller coupled to the audio inputs. The echo canceller system further comprises audio receiving means for receiving a mixture of the audio output signals and a wanted signal. The multi-channel echo canceller is coupled to the audio matrix decoder for using the audio matrix coefficients with multi-channel echo cancellation for deriving the wanted signal from the mixture. The computational and audio processing complexity of such a system is reduced.